

FIG. 1

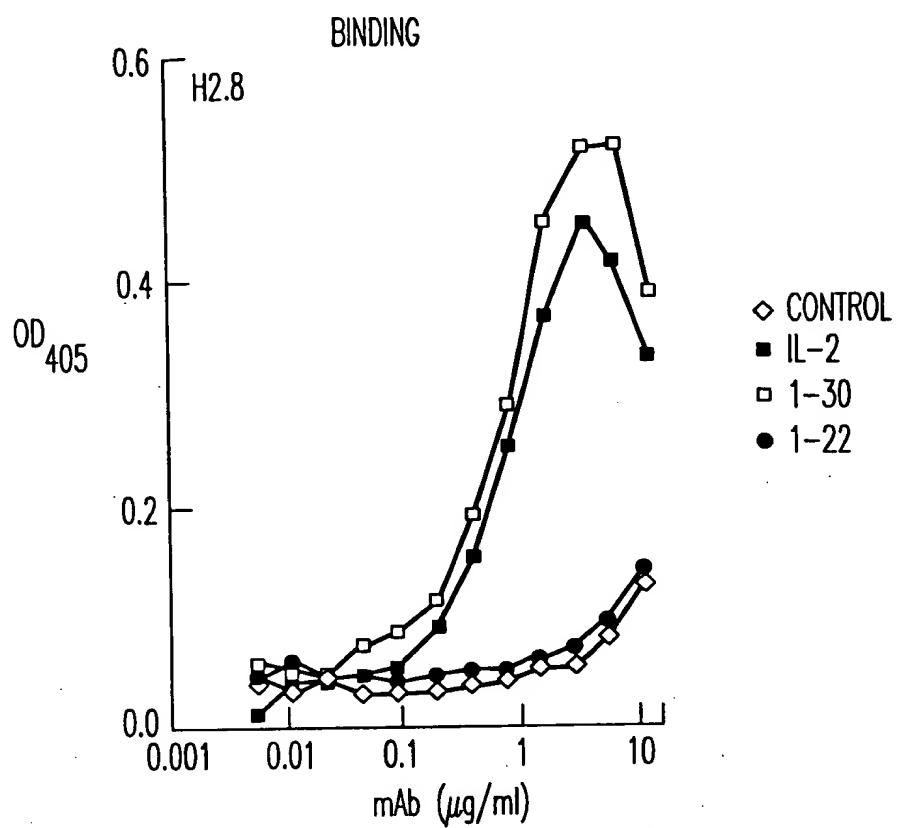


FIG. 2A

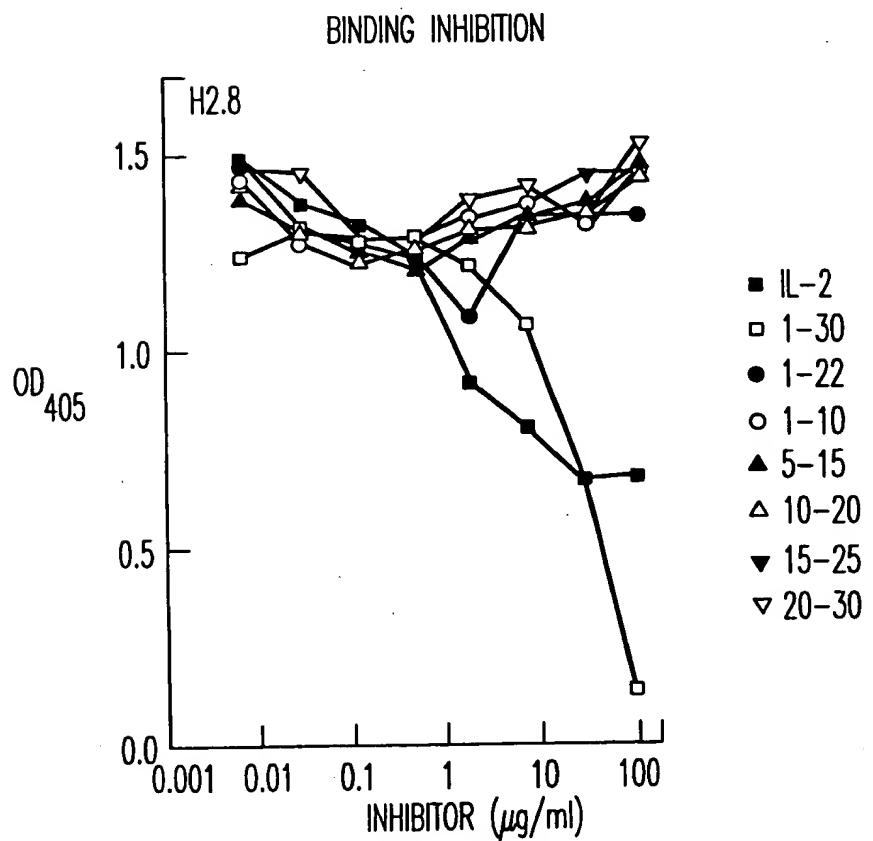


FIG. 2B

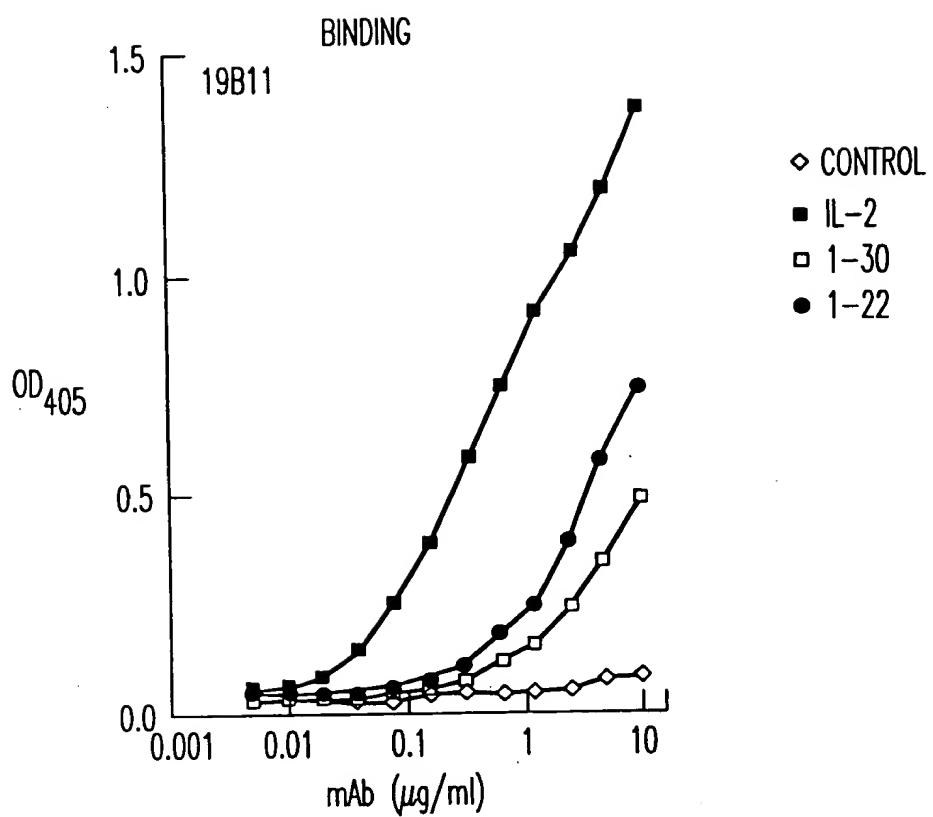


FIG. 2C

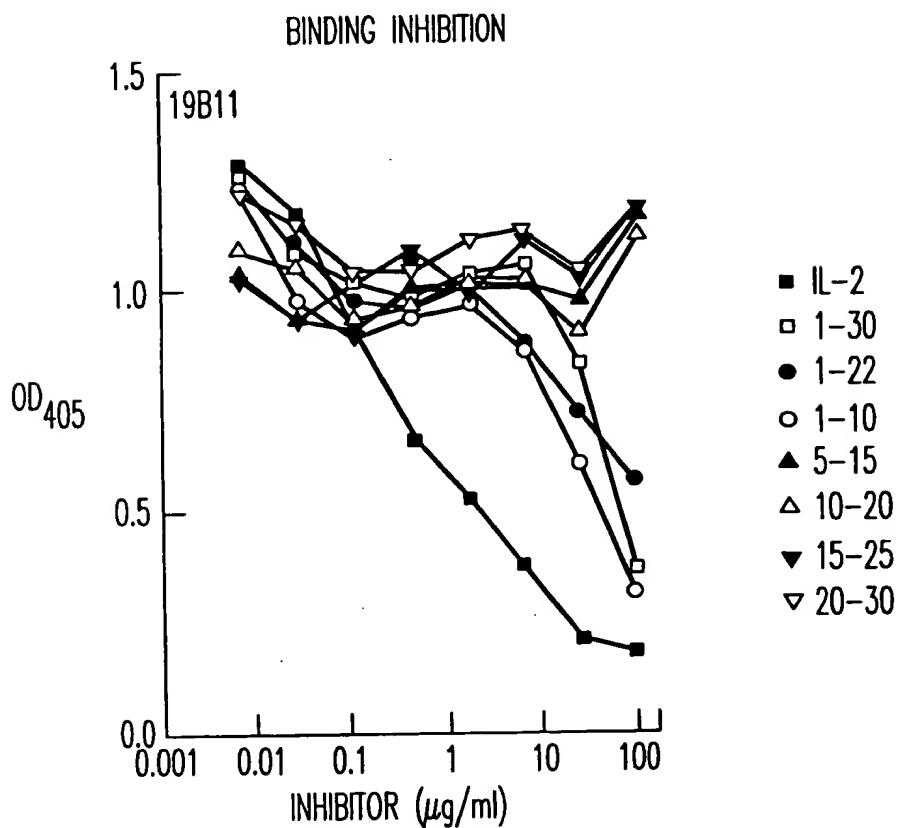


FIG. 2D

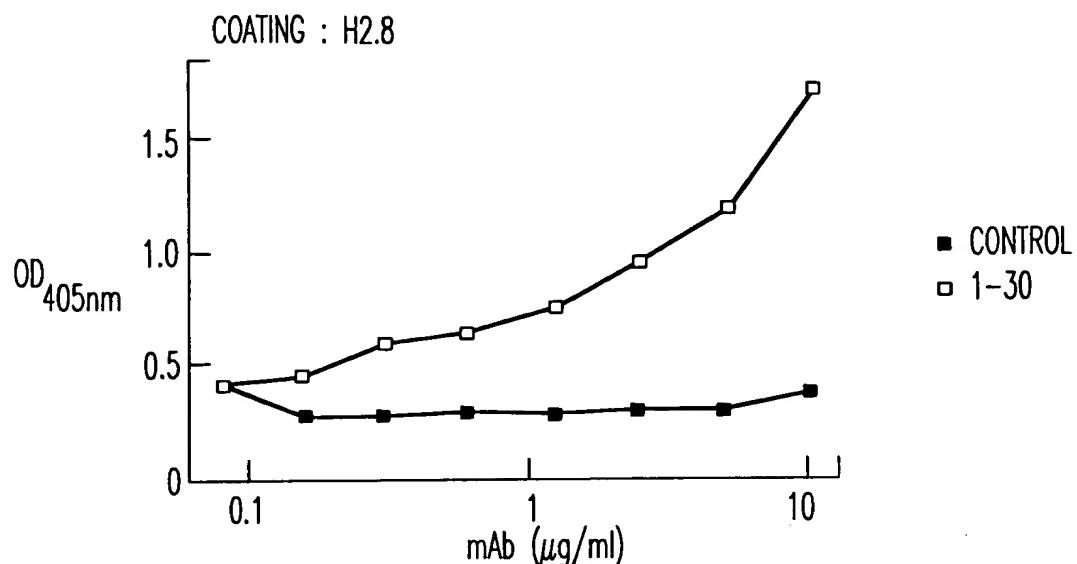


FIG. 3A

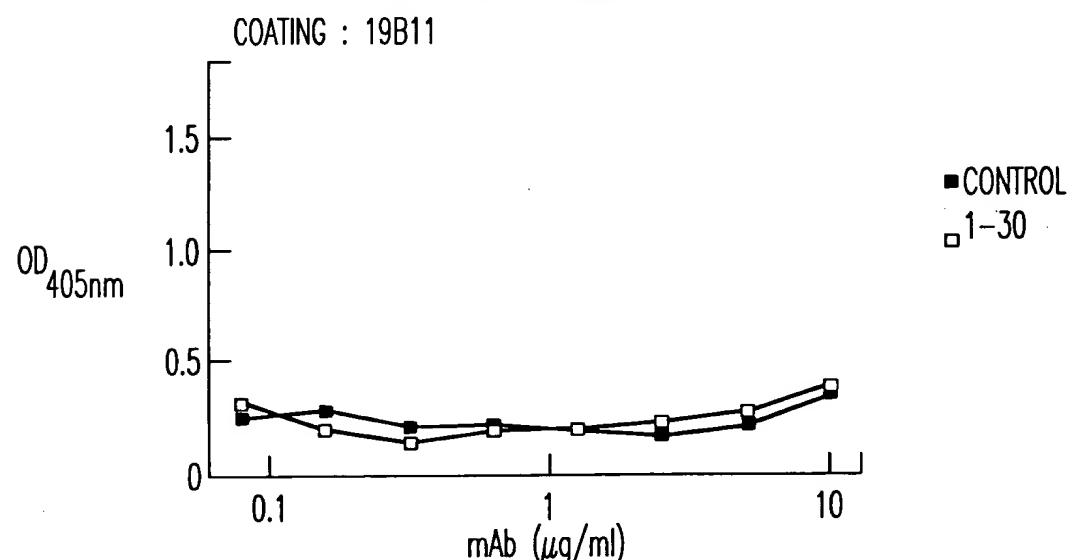


FIG. 3B

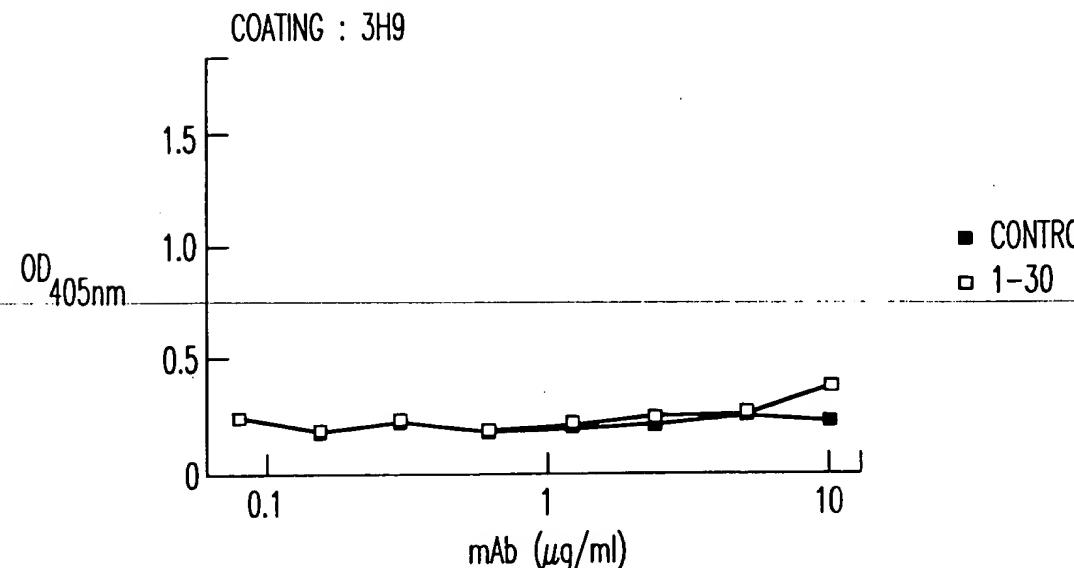
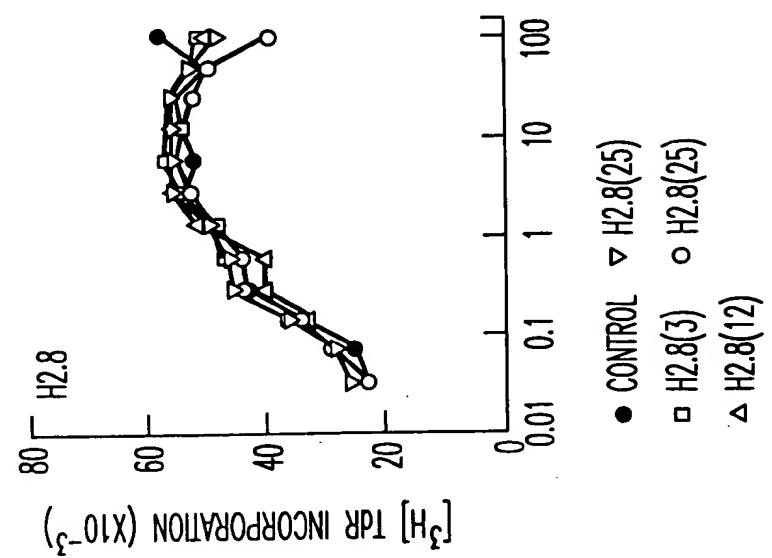
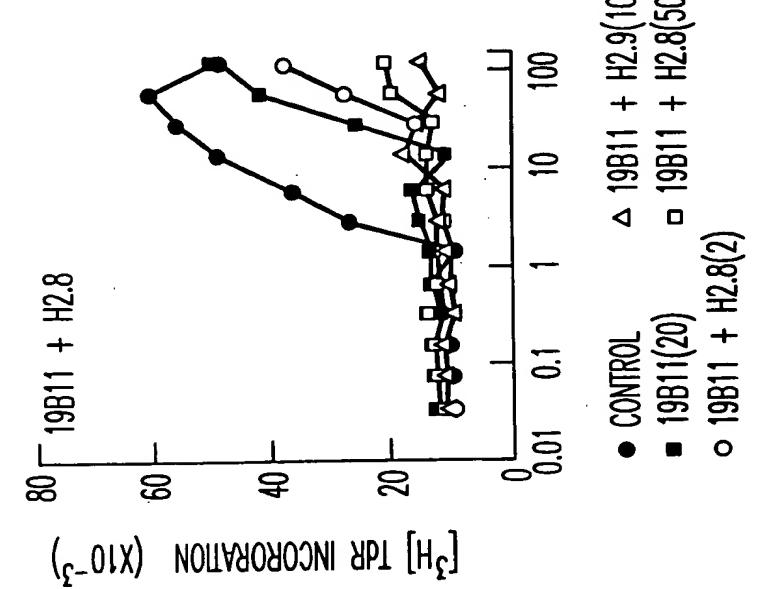


FIG. 3C

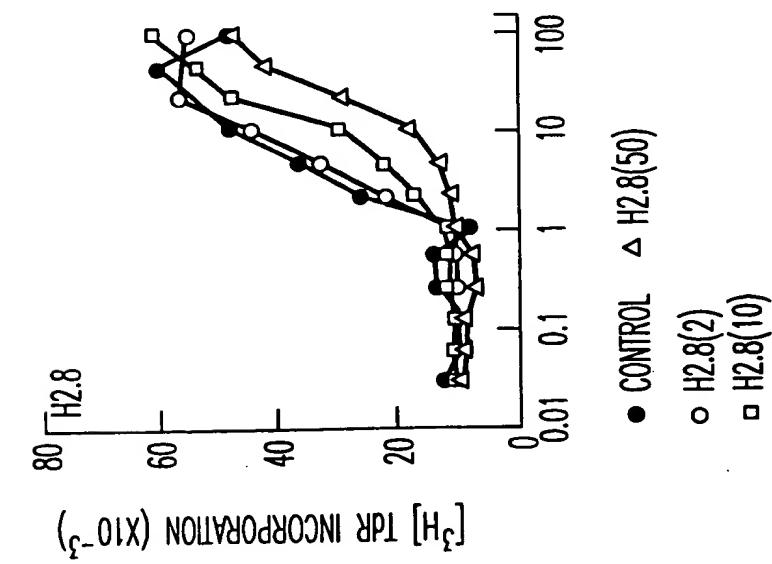
IL-9 PROLIFERATION



IL-2 PROLIFERATION



IL-2 PROLIFERATION



(125-PRO) IL-2 (mM)

FIG. 4A

(125-PRO) IL-2 (mM)

FIG. 4B

IL-9 (μ/ml)

FIG. 4C

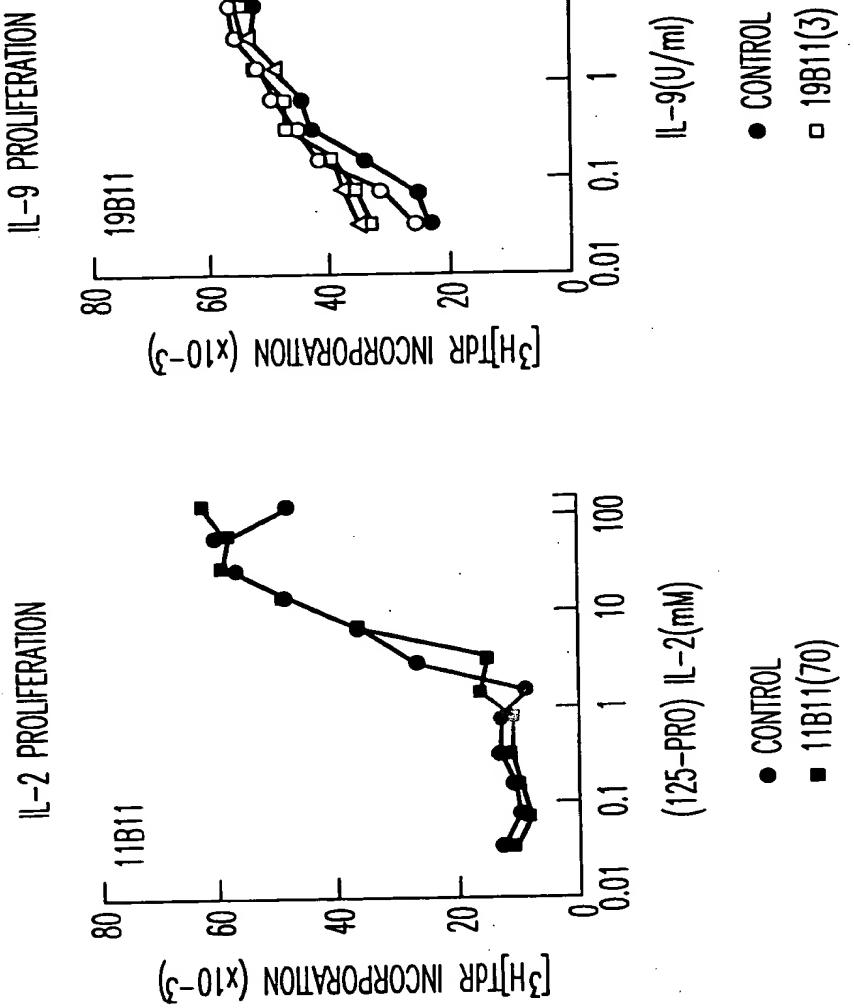
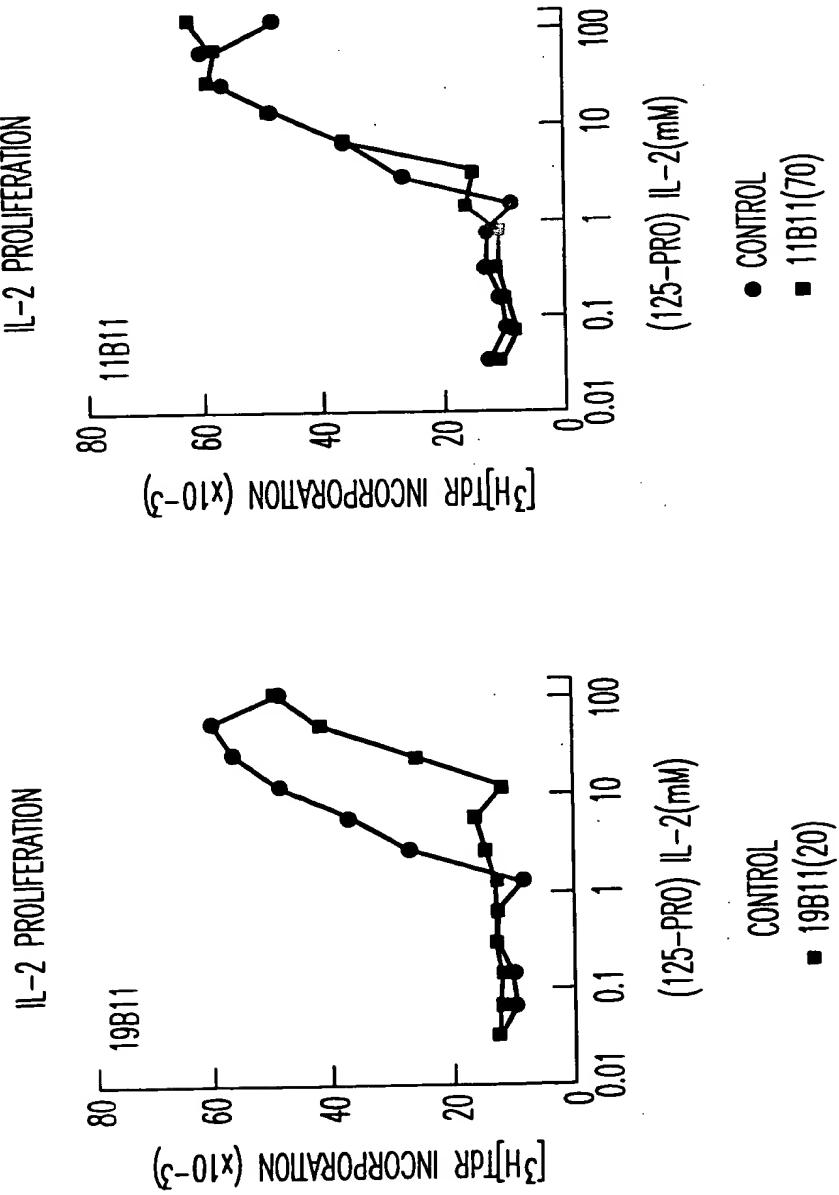


FIG. 4D

FIG. 4E

FIG. 4F

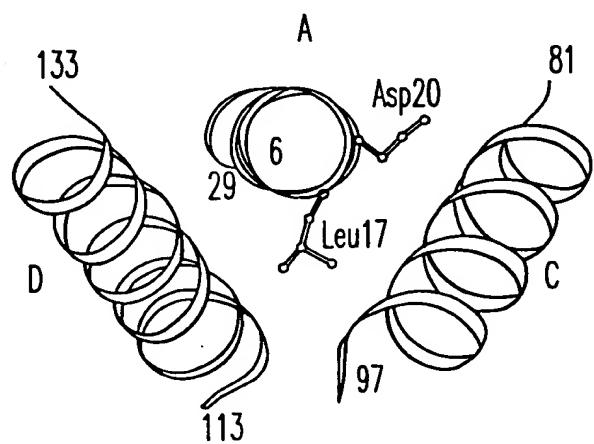


FIG. 5A

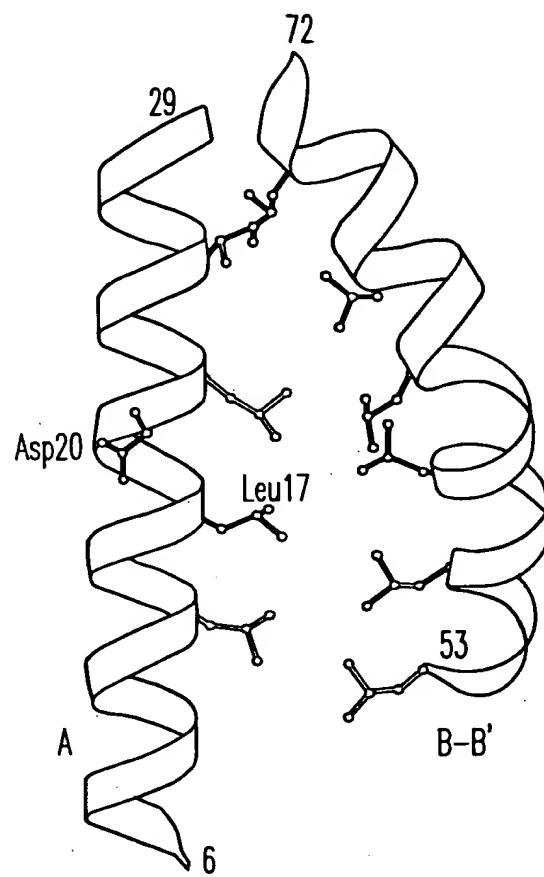
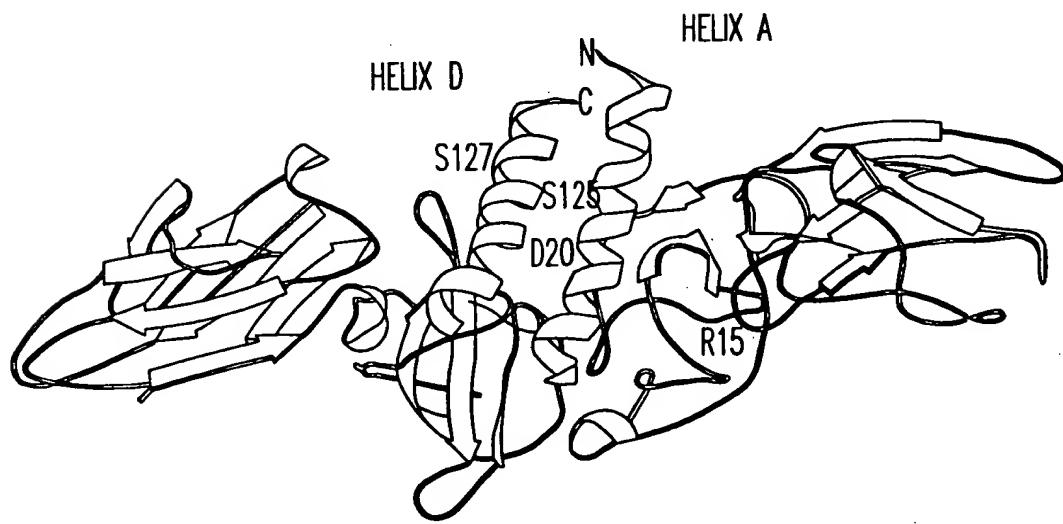


FIG. 5B



IL-2R GAMMA CHAIN

IL-2R GAMMA CHAIN

FIG. 5C

INTERLEUKINE-2 RECEPTOR

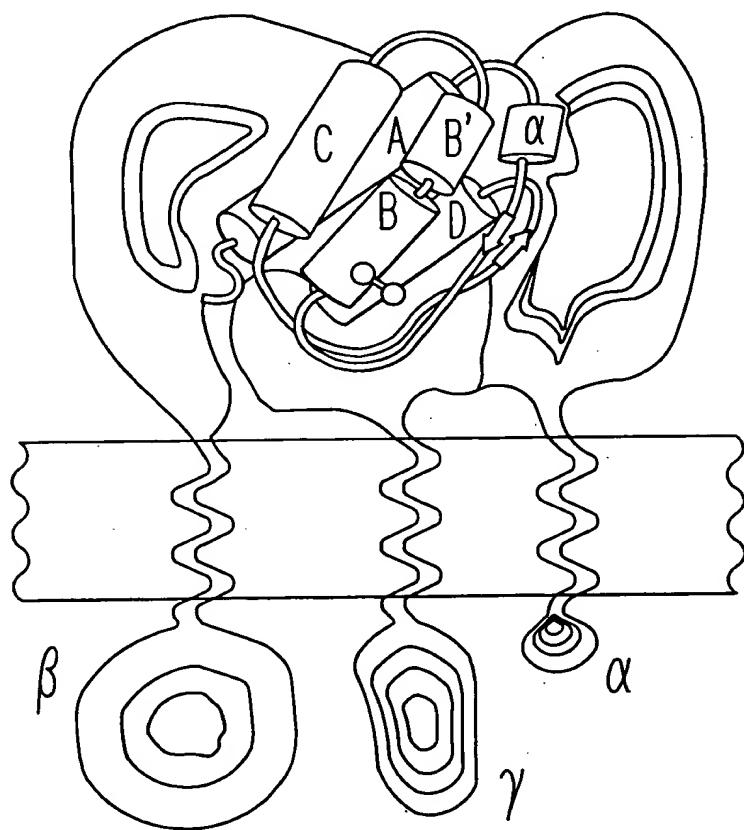


FIG. 6A

IL-2 AND IP 130 SEQUENCE (α -HELICES ARE BOXED)

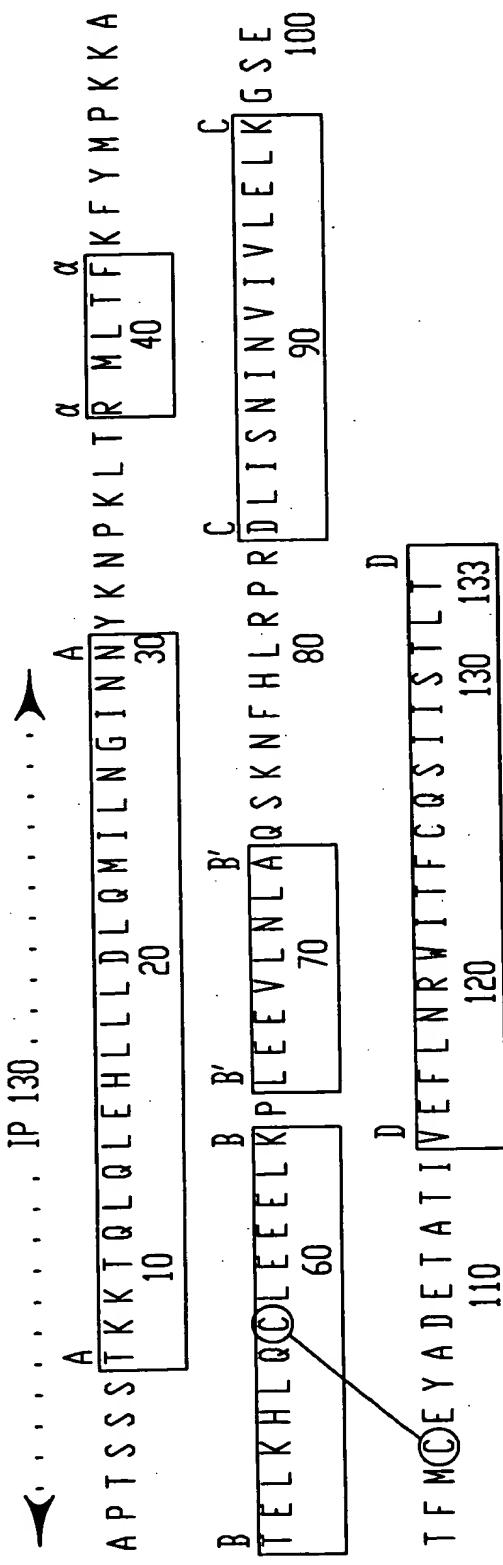
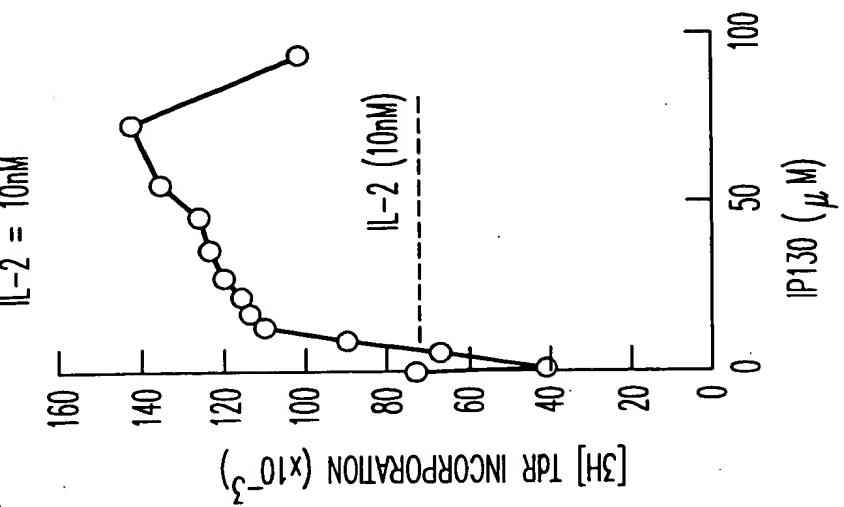
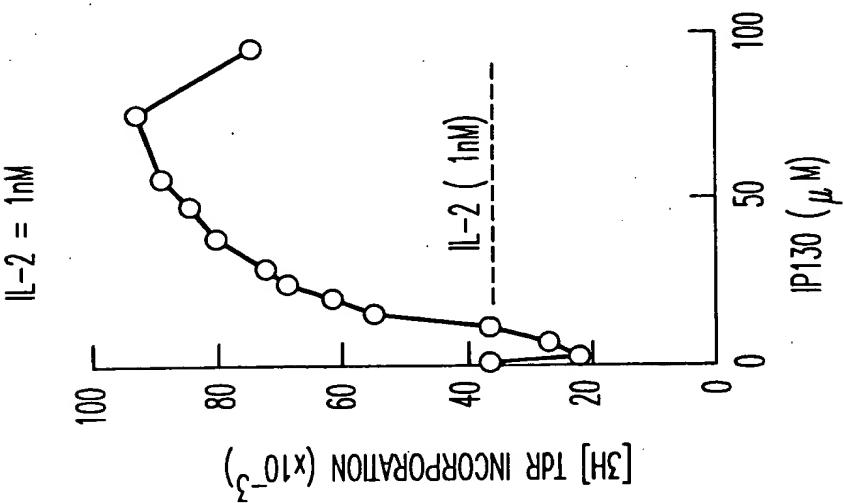
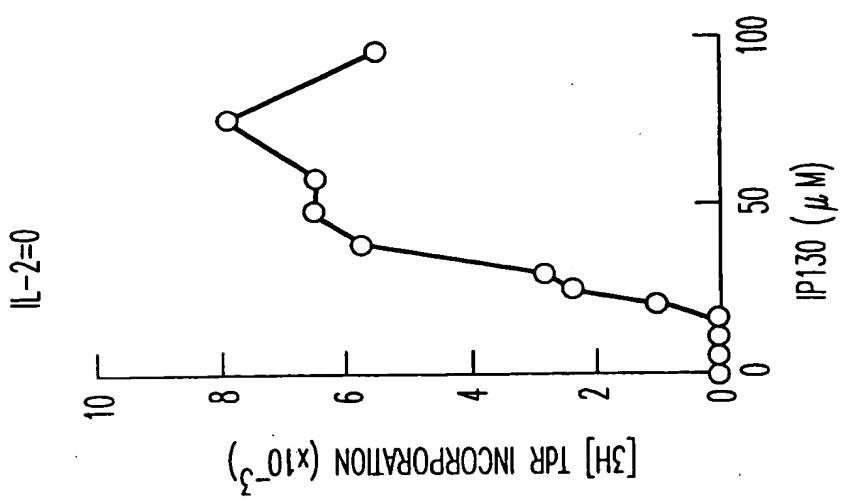


FIG. 6B



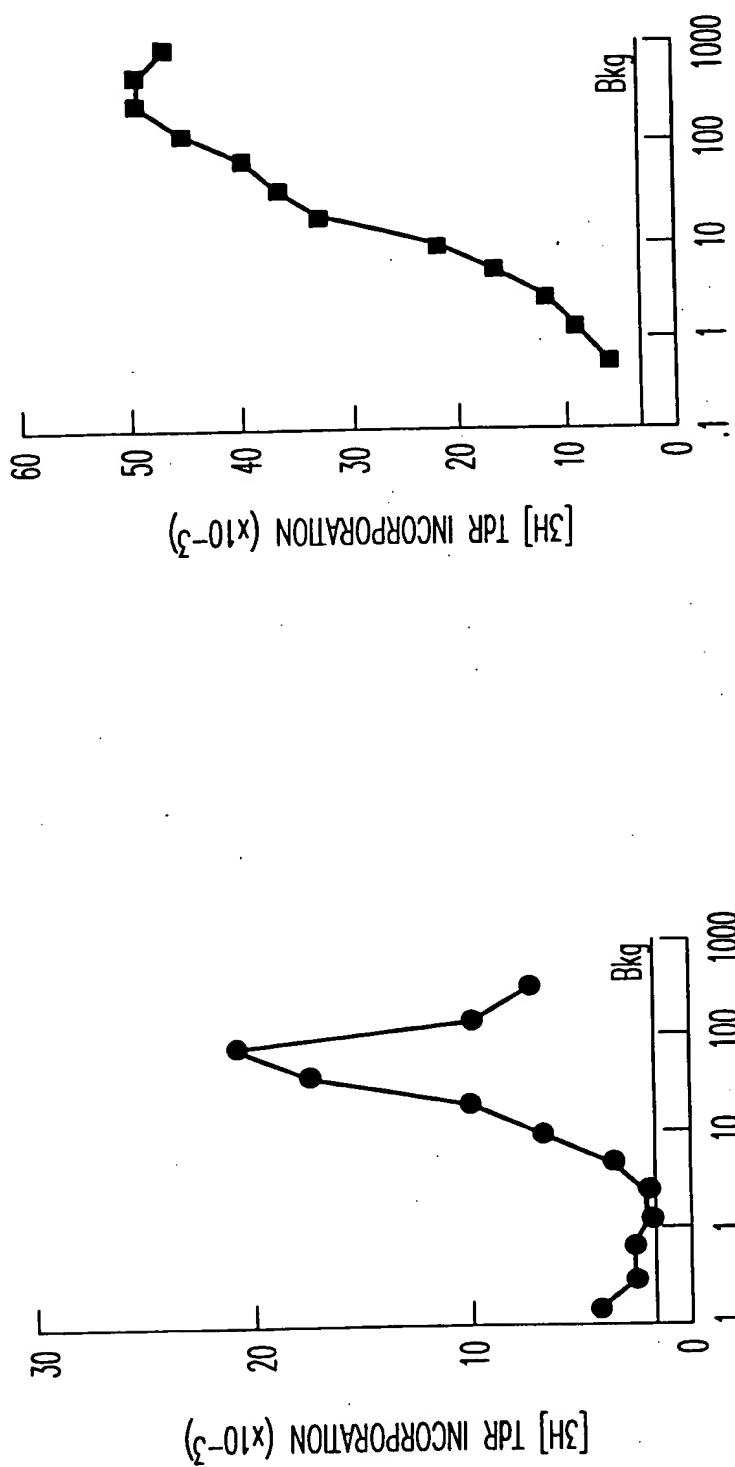


FIG. 8A



FIG. 8B

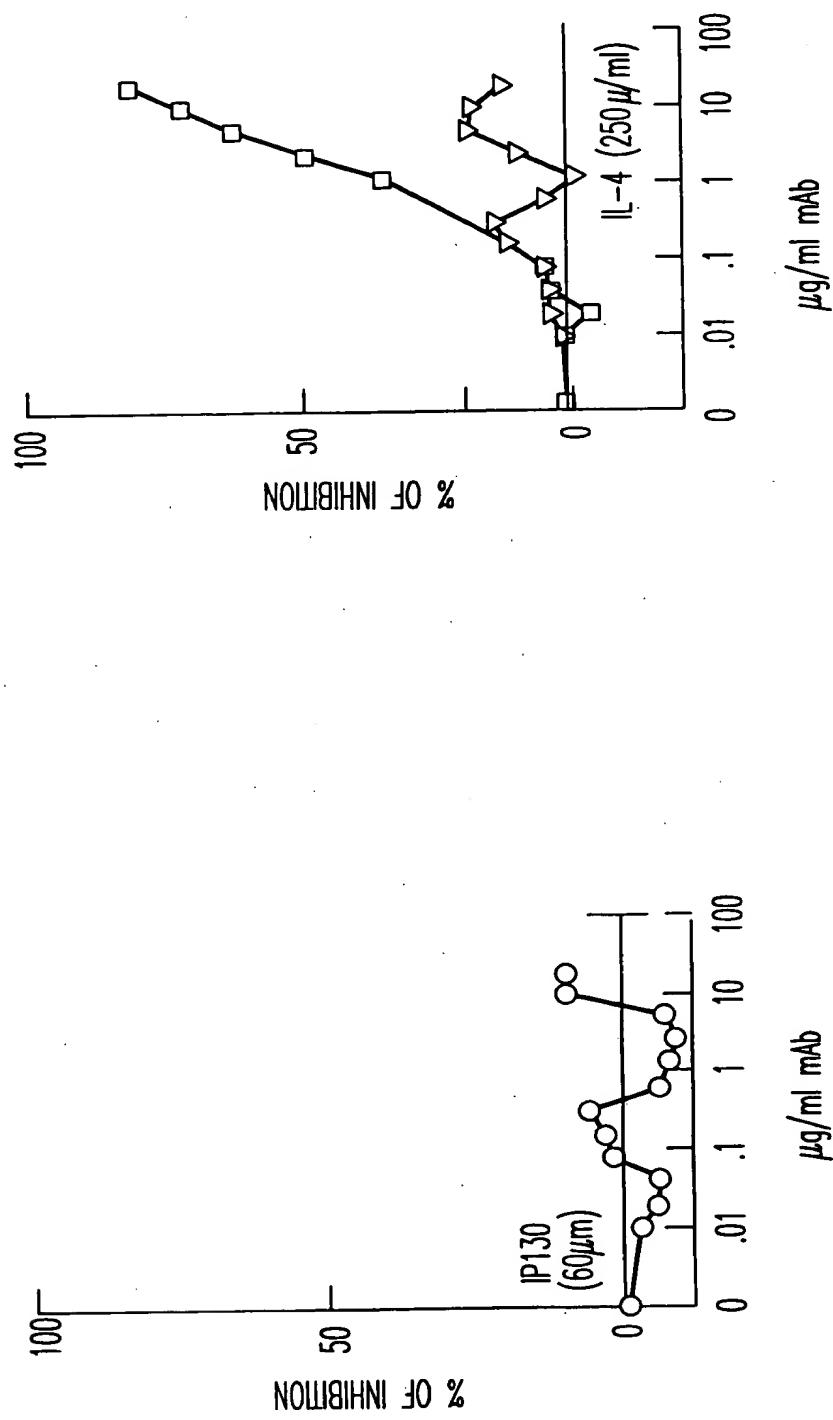


FIG. 8C

FIG. 8D

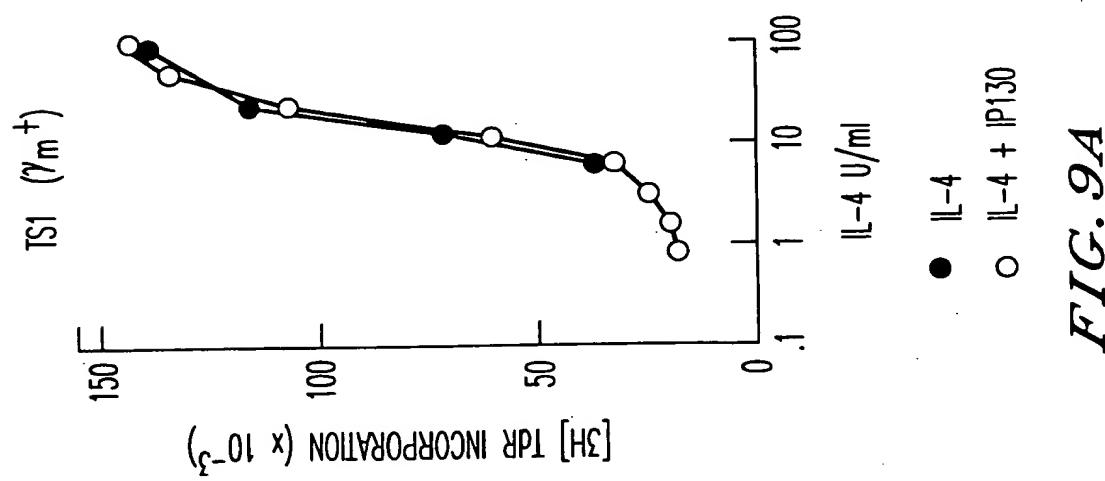


FIG. 9A

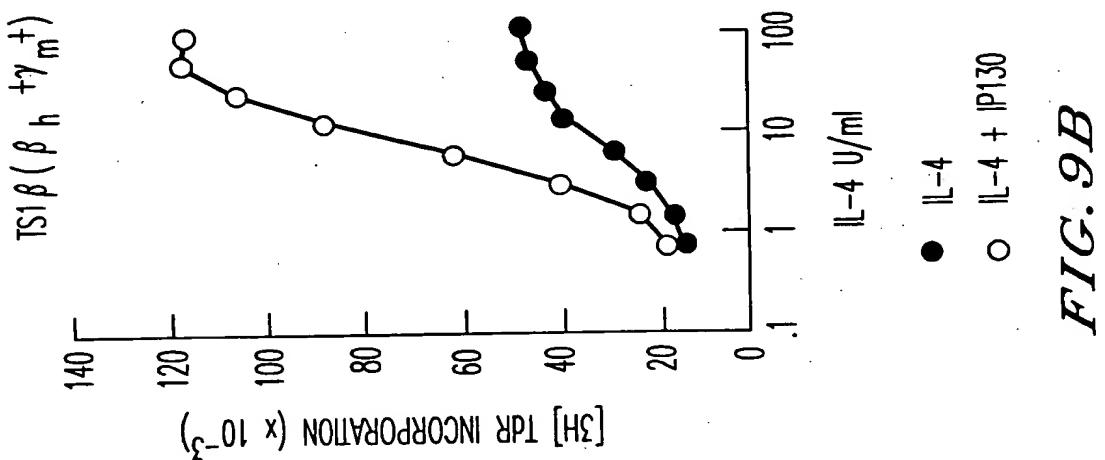


FIG. 9B

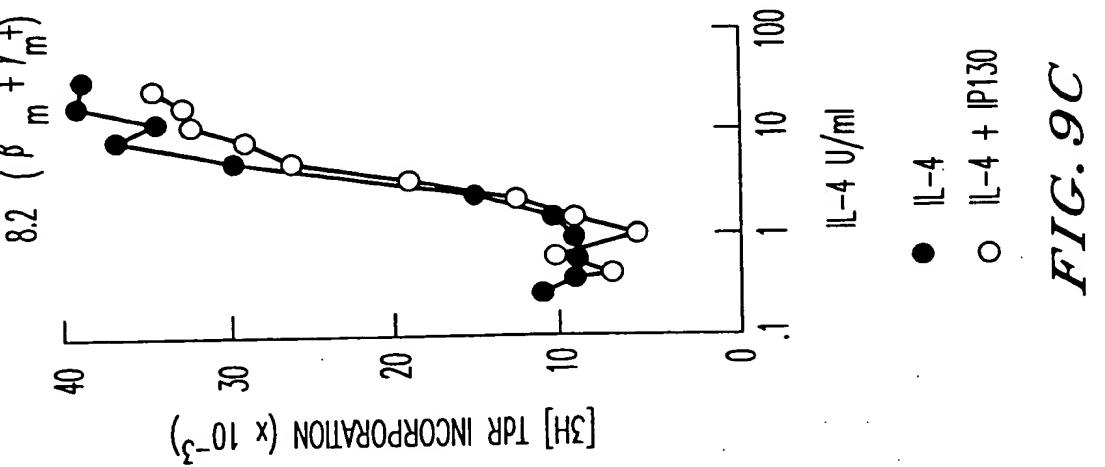
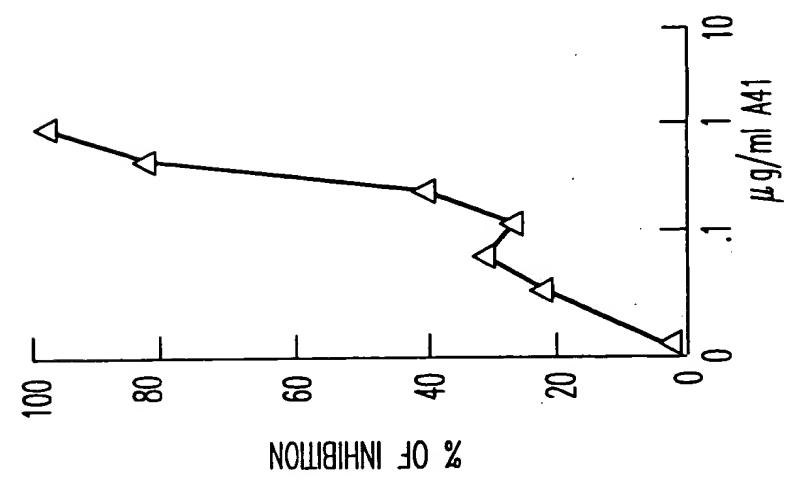


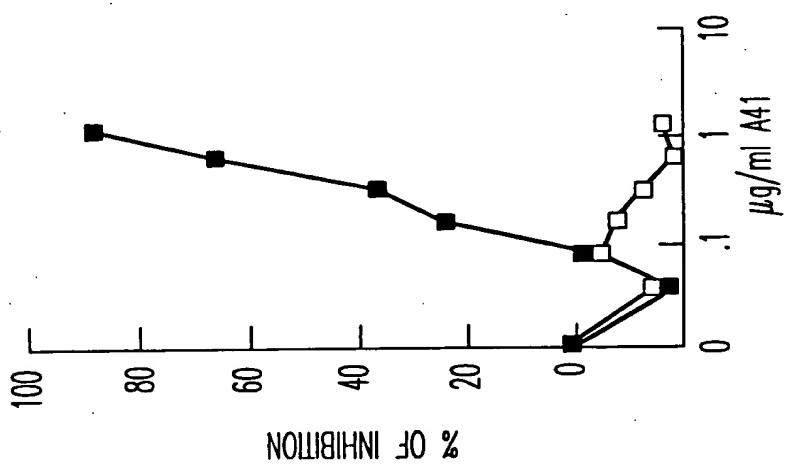
FIG. 9C



Δ $\Delta\text{P130} + \text{mAb A41}$ (ANTI-IL-2R β)

■ $\text{IL-2} + \text{mAb A41}$

□ $\text{IL-9} + \text{mAb A41}$



Δ $\Delta\text{P130} + \text{mAb A41}$ (ANTI-IL-2R β)

■ $\text{IL-2} + \text{mAb A41}$

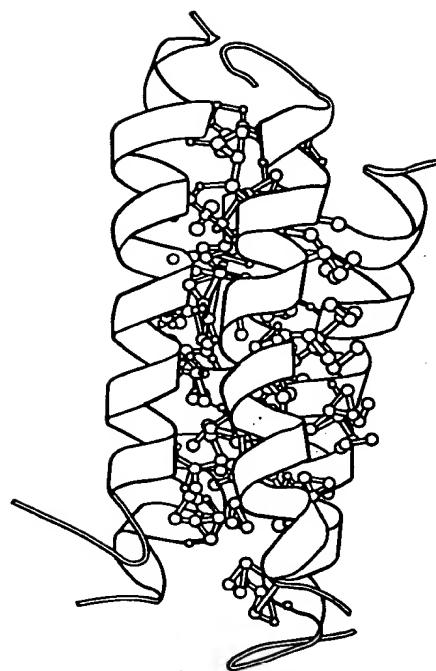
□ $\text{IL-9} + \text{mAb A41}$

FIG. 9D

FIG. 9E

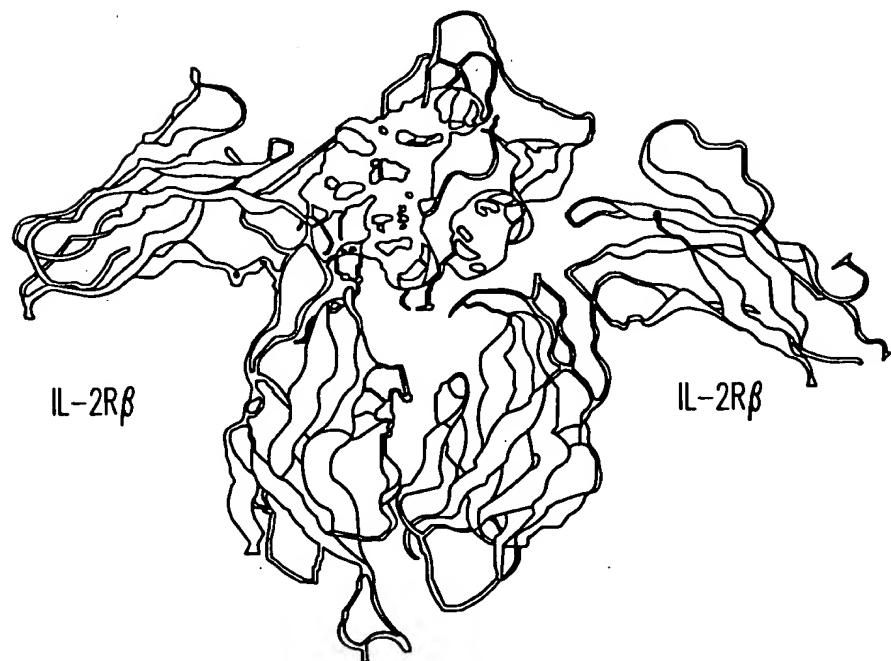
卷之三

FIG. 10



IP130

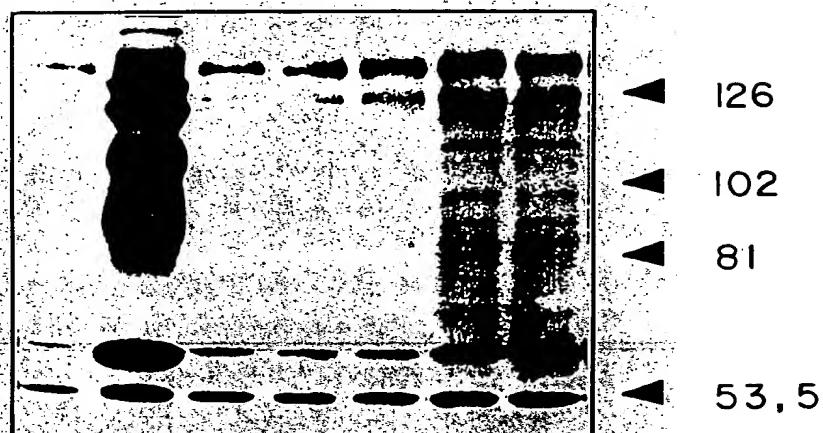
FIG. 11A



IP130

FIG. 11B

BLOT 4G10 (ANTI
PHOSPHOTYROSINE)



NO STIMULATION

IL-2 (10 MIN)

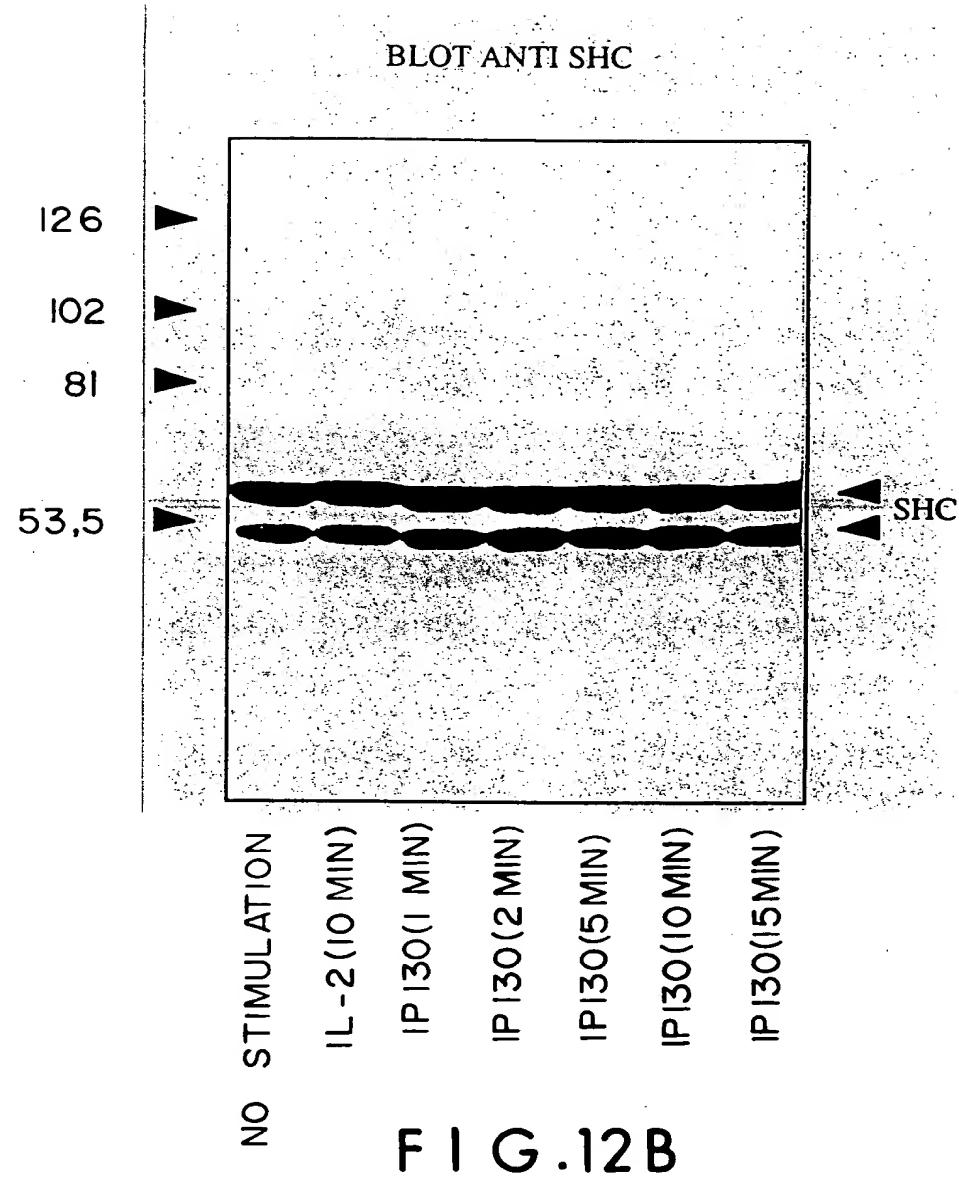
IP 130 (1 MIN)

IP 130 (2 MIN)

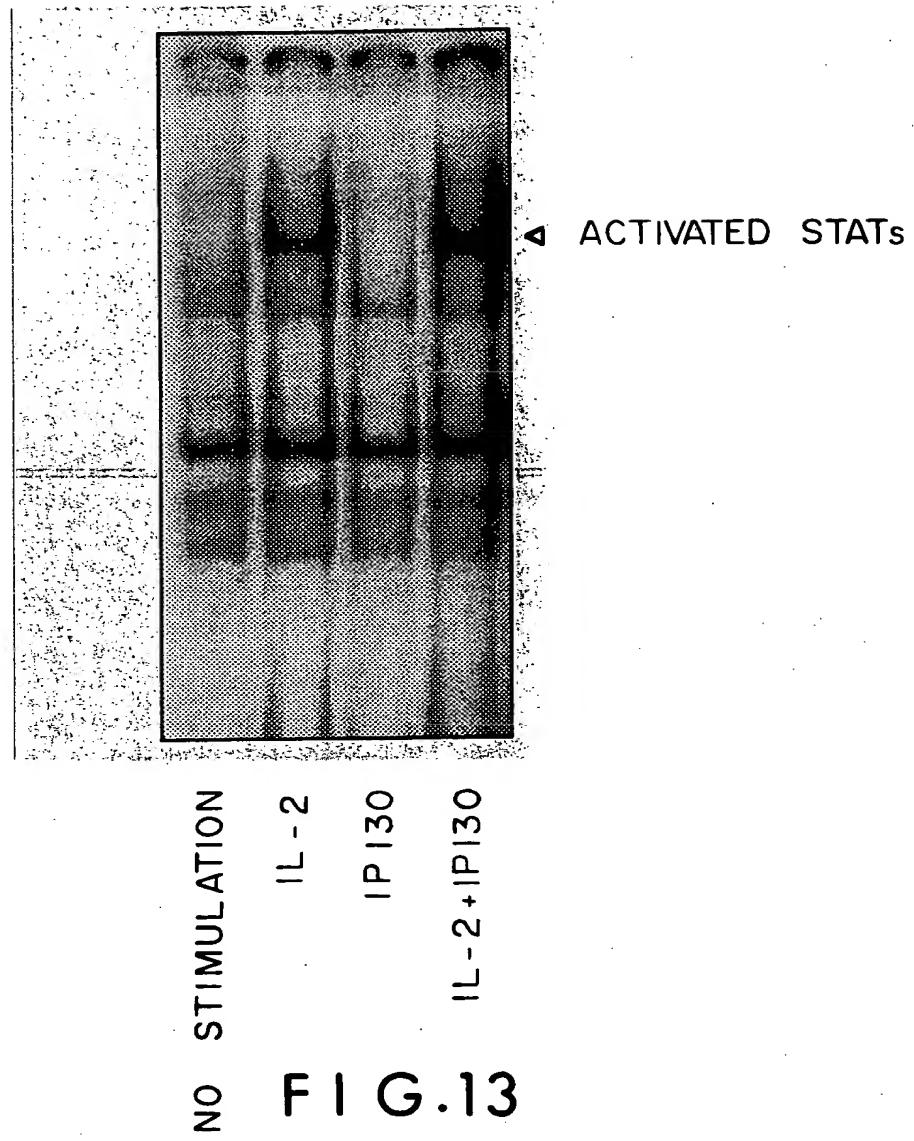
IP 130 (5 MIN)

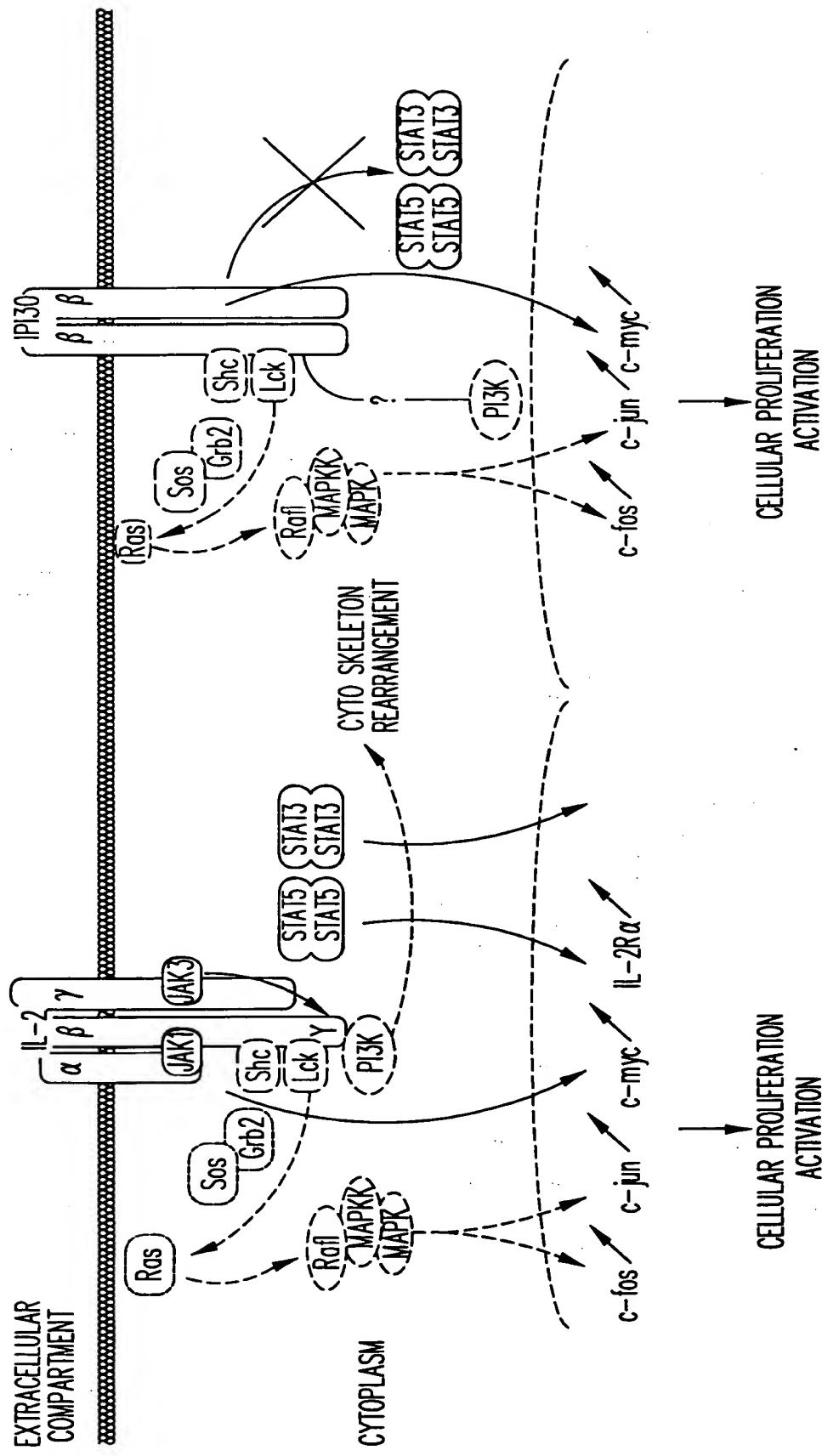
IP 130 (10 MIN)

FIG.12 A



0 6 0 0 2 0 0 9 2 9 4 2 6 0





MODEL OF TRANSDUCTION PATHWAY INDUCED BY IP130

IL-2 RECEPTOR AND ITS MAJOR SIGNAL TRANSDUCTION PATHWAY

FIG. 14

NK CELLS (CD56⁺) ENTERING IN S+G2/M PHASES AFTER IP130 STIMULATION
(SYNERGY WITH IL-2)

TREATMENT	J31	J32	J33
IL-2 50 nM	14	12	14
IP130 60 μ M	0	17	≤ 5
IP130 120 μ M	0	14	<5
IL-2 50 nM + IP130 60 μ M	26	21	7
IL-2 50 nM + IP130 120 μ M	28	28	28

FIG. 15

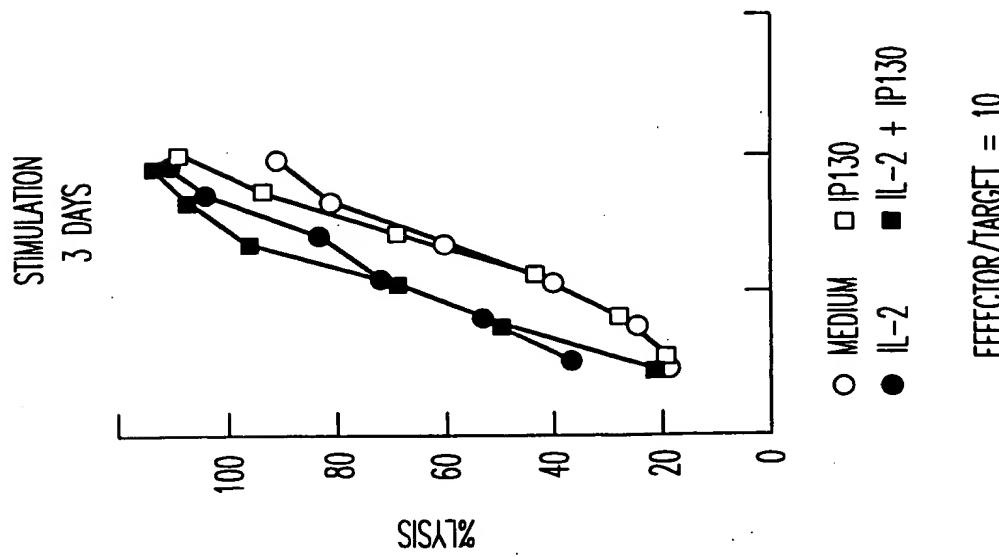


FIG. 16A

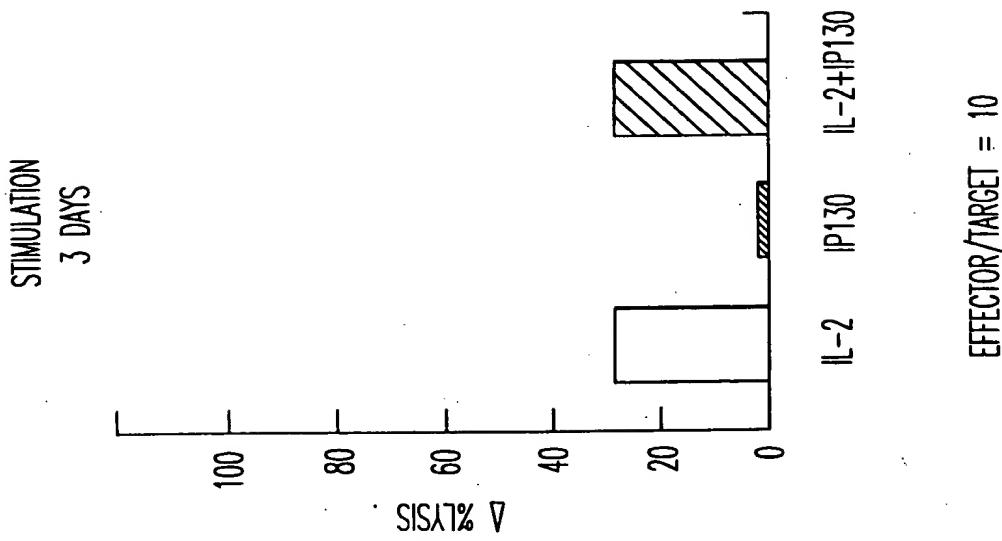


FIG. 16B

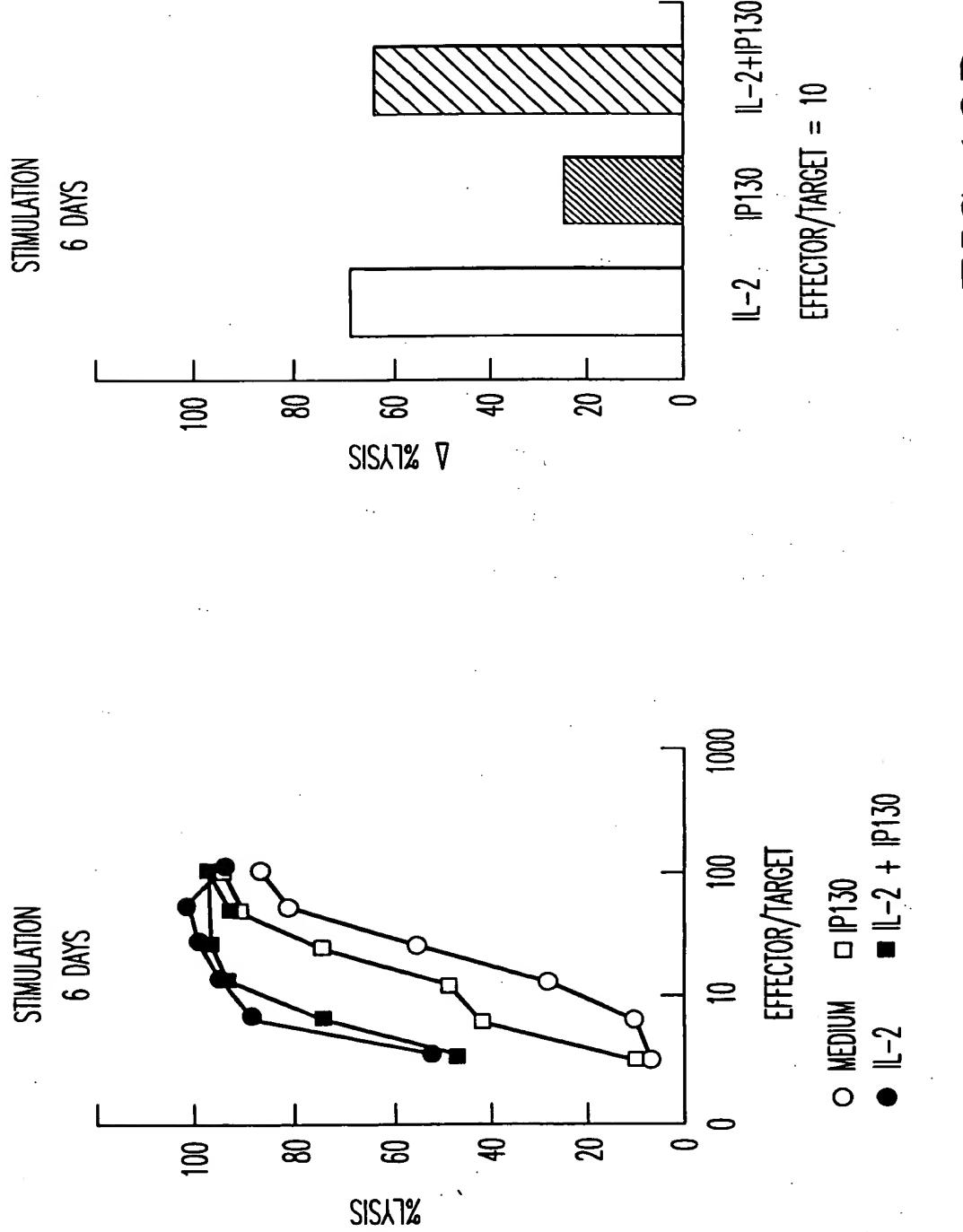


FIG. 16C

FIG. 16D

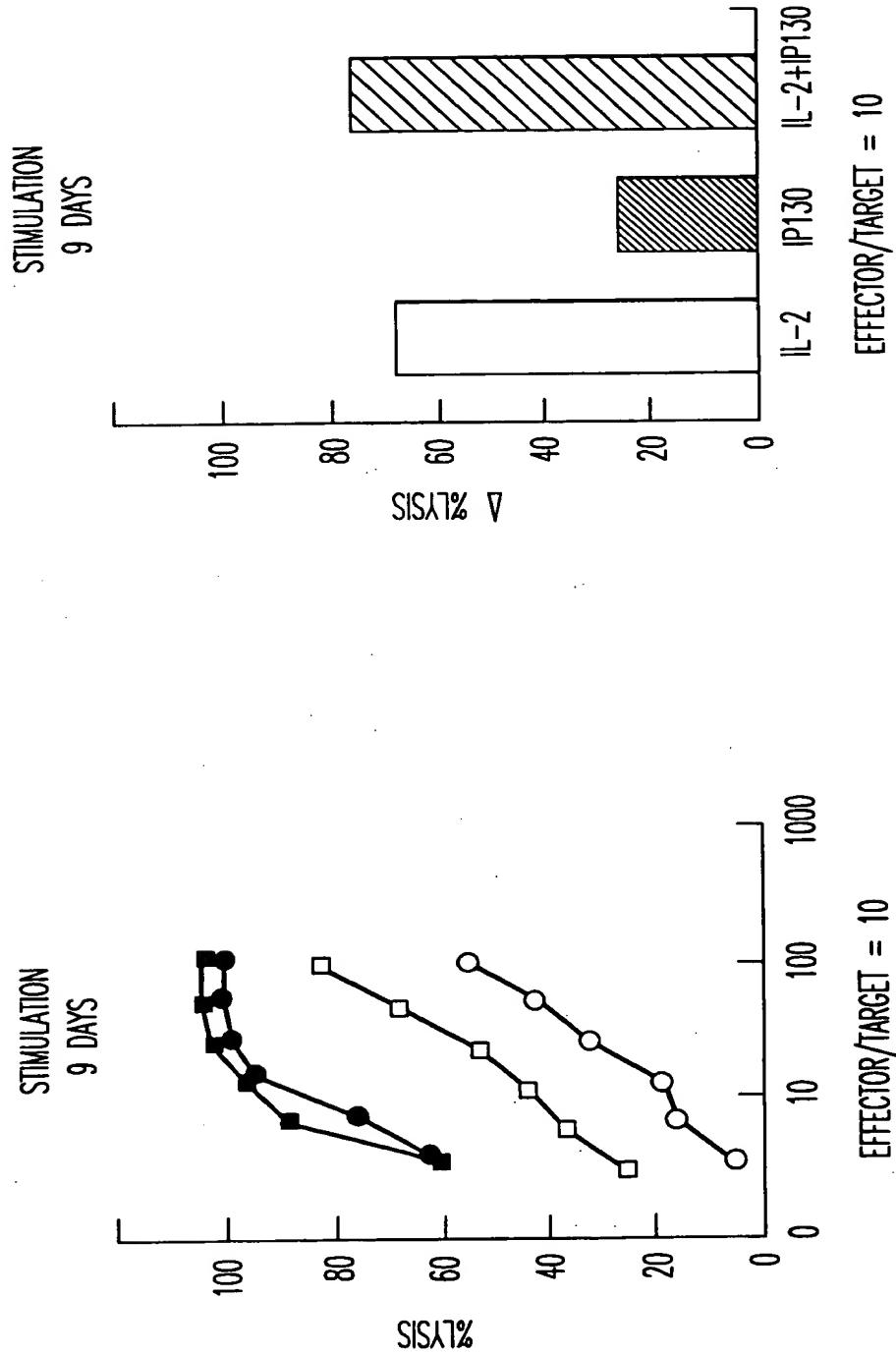


FIG. 16E

FIG. 16F

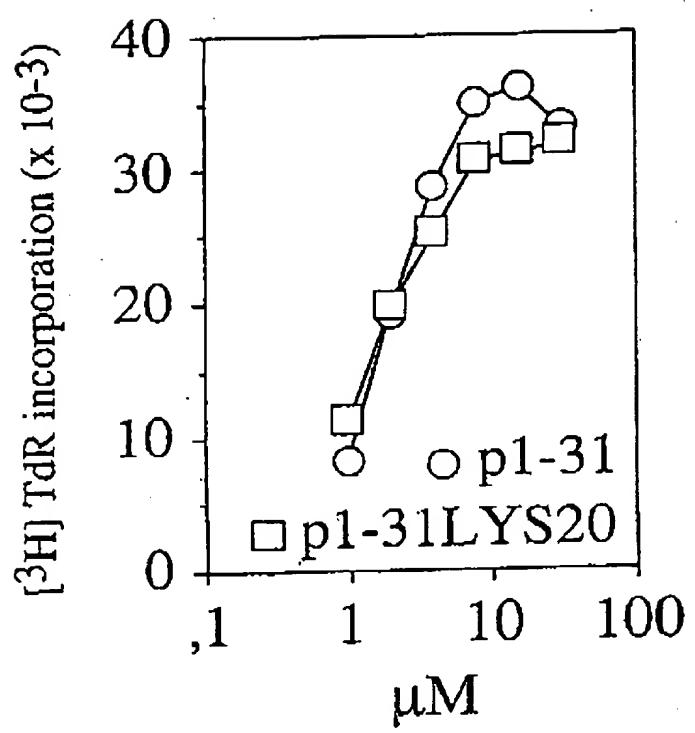


FIGURE 17

1992000 1992000

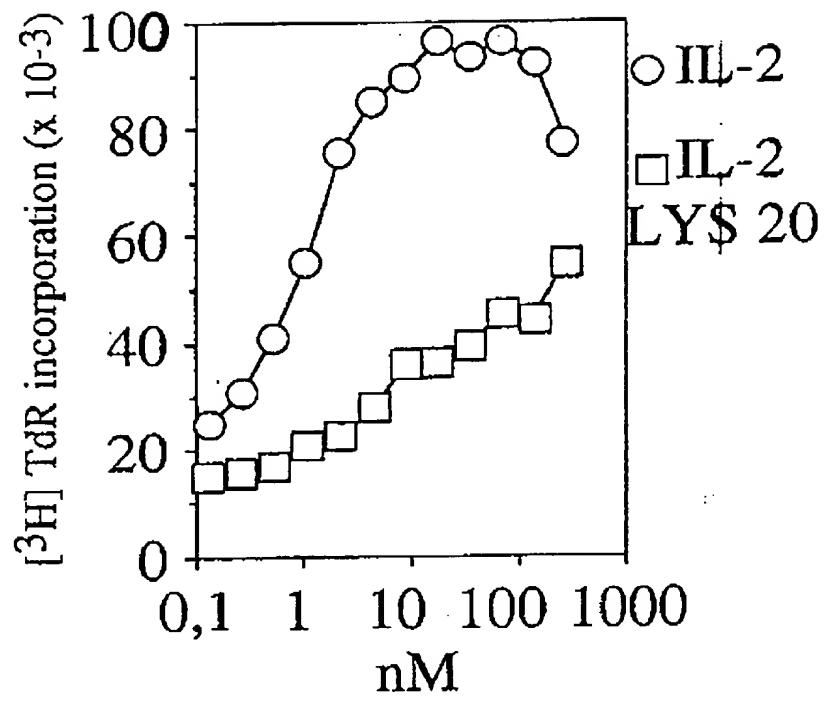


FIGURE 18

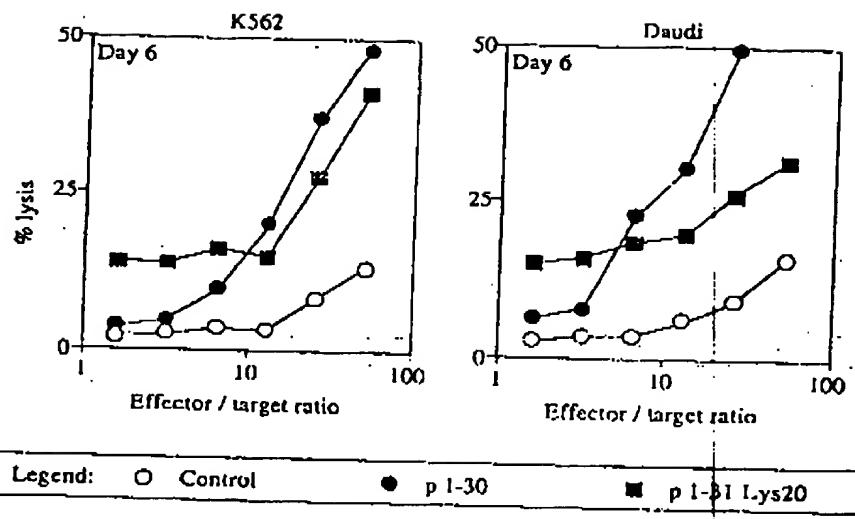


FIGURE 19